

Claims:

1. An USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity, including an USB connector, a controller and a flash memory, characterized by: said USB connector and said controller are integrated as a memory body; the flash memory as the physically-independent storage component is attached to the body, and is electrically connected to the controller.

2. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by: said flash memory part is mounted on the body by means of guide channel.

3. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by: said flash memory part is mounted on the body by means of plug-in connection or elastic fastener connection.

4. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by: said flash memory part is mounted on the body by means of elastic fastener connection.

5. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 4, characterized by: a elastic clasp is formed on the housing of said flash memory part, and a notch is correspondingly formed on the housing of said body.

6. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by: the electrical connection between said flash memory part and said controller is elastic tip-touch connection or plug-in

connection.

7. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1 or 6, characterized by: the electrical connection between said flash memory part and said controller is the connection of standard USB interface.

8. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by: a dismountable back cover is provided in the rear of the housing of the body; a chamber for flash memory part is provided between the body and the back cover, a flash memory part is placed in the chamber.

9. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 8, characterized by: said back cover is mounted on the body by means of guide channel or clasp.

10. The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by: said body is provided with write/read status control switch whose control terminal is connected with the lead wire of the controller.